



CCR-2100S Constant Current Regulator IGBT TYPE

COMPLIANCE

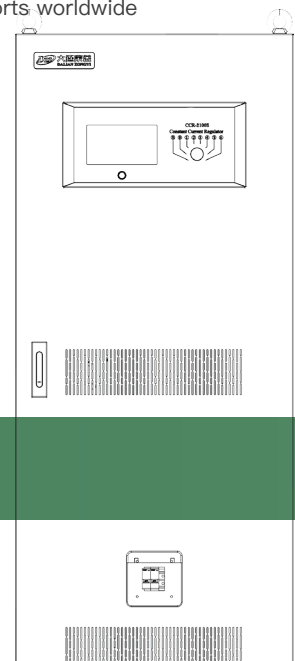
- ICAO • DOC 9157 ADM Part 5
- EASA • CS-ADR-DSN
- IEC • 61822
• 61820-3-2
- FAA • AC 150/5345-10
- AENA • DIN/DSEYN/PPT/002
- CAAC • MH/T 6010

FEATURES

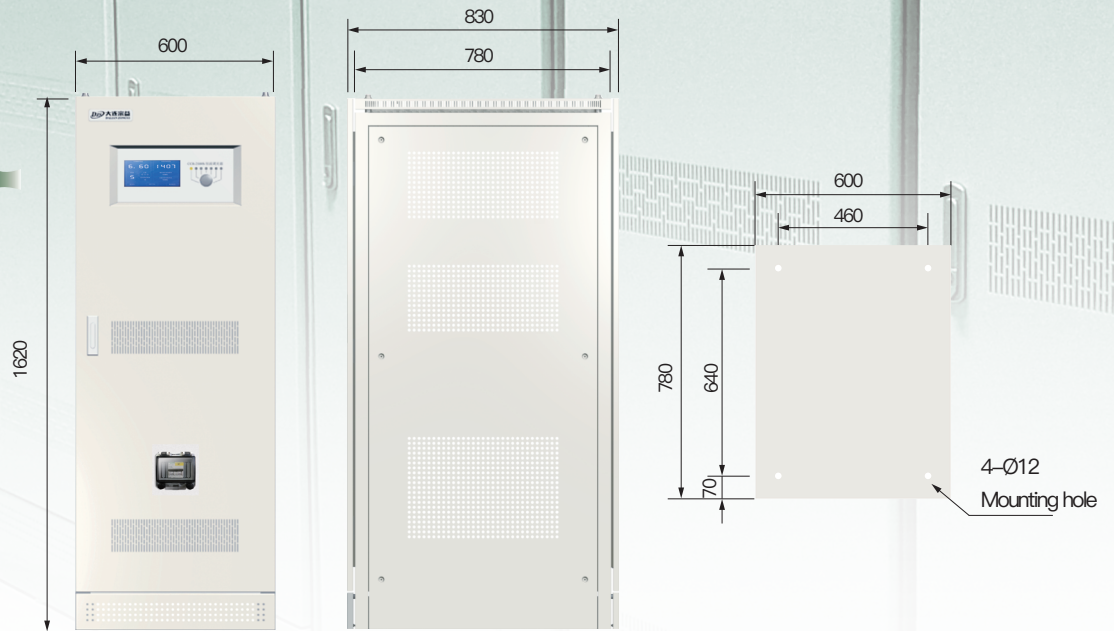
- **IEC 61822**
Tested by BV and proved in conformity with IEC 61822
- **CE**
EU CE certified
- **IGBT**
IGBT high frequency PWM and true sinusoidal wave output
- **32-BIT**
32-bit high speed processor providing microsecond speed in transaction
- Up to 6 brightness steps, user adjustable output current
- 1000M high precision on-line insulation resistance measurement
- Lamp fault detection provides accurate detection of burnt lamps
- Natural cooling and no noise
- **0.99**
Power factor exceeding 0.99
- Perfectly suitable for loads of various characteristics
- Effectively increase life expectancy of light sources
- 7 inches full color touch screen provides rich information
- Flexible parameter settings
- Lightning arrestors at both input and output sides
- Comprehensive over current and over voltage protection
- Various types of remote control interfaces
- **100+**
Choice of 100+ airports worldwide

TECHNICAL DATA

- Operating Temperature • $-30^{\circ}\text{C}\sim+55^{\circ}\text{C}$
- Power Factor (nominal) • ≥ 0.99
- Emission • IEC 61000-6-4
- Protection Class • IP21
- Tolerance • $\pm 0.1\text{A}$
- Remote Control • Redundant CAN/Modbus and multi-wire (DC24V/48V)
- Humidity • 10%-95%
- Open Circuit Output Voltage • < 1.3 times the rated output voltage
- Immunity • IEC 61000-6-2
- Input Voltage • AC 220/230/380/400V $\pm 10\%$ 50/60Hz
- Output Power • 2.5-30kVA (AC 380/400V) 2.5~20kVA (AC220/230V)
- Altitude • $\leq 5000\text{m}$
- Efficiency • $\geq 92\%$
- Service Life • > 12 years



DIMENSIONS



ACCESSORIES

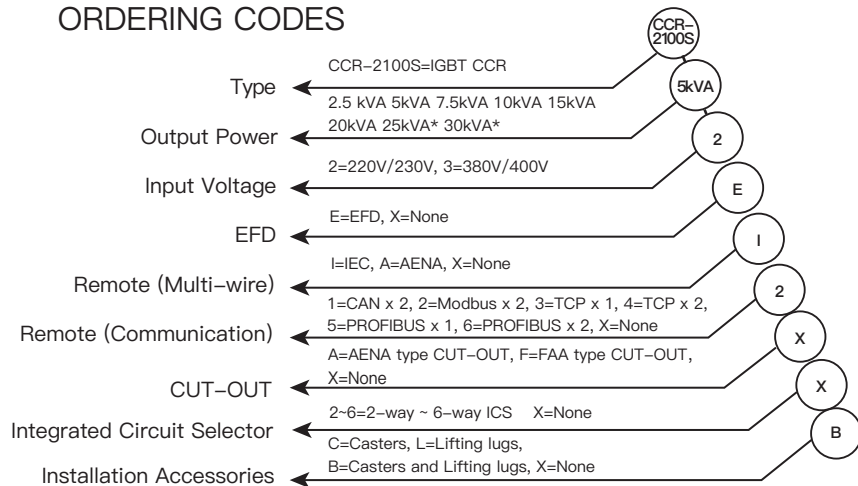
- © Series circuit CUT-OUT
- © Circuit selector

PACKAGING

Power (kVA)	Dimensions (L x W x H, mm)	Net Weight (kg)		Gross Weight (kg)	
		380V/400V	220V/230V	380V/400V	220V/230V
2.5	730×980×1850	210	210	260	260
5		240	240	290	290
7.5		290	290	340	340
10		290	310	340	360
15		310	370	360	420
20		370	425	420	475
25		425	/	475	/
30		456	/	506	/

* Above data are reference values of one unit of standard CCR

ORDERING CODES



* 25 kVA and 30 kVA are only applicable for input voltage of 380/400V